

What is claimed is:

1. A compiler system for compiling a first program into a second program, comprising:
 - 5 a converter converting a part of the first program into a procedure call and generating the second program;
 - a generator generating a code describing a definition of a procedure to be called by the procedure call; and
 - 10 an outputting unit outputting the second program and the code generated by said generator.
2. The compiler system according to claim 1, further comprising a detector which detects a predetermined
15 particular pattern from the first program, wherein
said converter converts the pattern detected by said detector into a procedure call corresponding to the pattern.
- 20 3. The compiler system according to claim 2, wherein
said detector detects a call for calling a built-in procedure from the first program.
4. The compiler system according to claim 2, wherein
25 when said detection detects a plurality of

identical patterns from the first program, said converter converts the plurality of patterns into a same procedure call.

- 5 5. A compiler system for receiving a first file containing one or more programs, compiling the one or more programs, and outputting a second file containing the one or more compiled programs, comprising:
 - a detector detecting a predetermined particular
 - 10 pattern from one or more programs contained in the first file;
 - a converter compiling the one or more programs contained in the first file by converting the pattern detected by said detector into a procedure call
 - 15 corresponding to the pattern;
 - a generator generating a code describing a definition of a procedure to be called by the procedure call; and
 - an outputting unit outputting one or more programs
 - 20 compiled by said converter and a code generated by said generator, wherein
 - when said detector detects a plurality of identical patterns from the first file, said converter converts the plurality of patterns into a same procedure call.

6. The compiler system according to claim 5, wherein
said outputting unit outputs the code generated
by said generator to the second file.

- 5 7. A compiler system for receiving a plurality of files
each containing one or more programs, and compiling the
programs contained in the received files, comprising:
a detector detecting a predetermined particular
pattern from the programs contained in the received
10 files;
a converter compiling the programs contained in
the received files by converting the pattern detected
by said detector into a procedure call corresponding
to the pattern;
15 a generator generating a code describing a
definition of a procedure to be called by the procedure
call; and
an outputting unit outputting a program compiled
by said converter and a code generated by said generator,
20 wherein
when said detector detects a plurality of identical
patterns from the plurality of received files, said
converter converts the plurality of patterns into a same
procedure call.

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        converting means for converting a part of the first
        program into a procedure call and generating the second
5    program;

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outputting means for outputting the second program
10 and the code generated by said generating means.

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        converting a part of the first program into a
15  procedure call and generating the second program;

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        a program code for converting a part of the first
25  program into a procedure call and generating the second

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